

#### **ABSTRACT OF THE DISCLOSURE**

The internal combustion engine includes an engine preheating apparatus for preheating the internal combustion engine upon or before starting thereof. This internal combustion engine further includes an air-fuel ratio controller for setting an air-fuel ratio of the internal combustion engine that is preheated, to a value higher than that of the internal combustion engine that is not preheated, and/or an ignition-timing controller for retarding an ignition timing of the internal combustion engine that is preheated as compared with the ignition timing of the internal combustion engine that is not preheated.